

Amendments to the claims:

Claim 1 (pending). An apparatus for molding panels having cellular structure comprising:

- a. a lower pan having a base defining a generally planar upper surface, wherein a plurality of roughly vertical channels extend into said upper surface of said base in a configuration of the desired cells of said cellular structure;
- b. retaining walls around the peripheral edges of said lower pan, wherein said retaining walls extend higher than said generally planar upper surface of said base; and
- c. a lid having roughly planar upper and lower surfaces sized to be received within said retaining walls around said lower pan.

Claim 2 (pending). The apparatus recited in claim 1, wherein said channels are in the configuration of hexagonal honeycombs.

Claim 3 through 6. (cancelled)